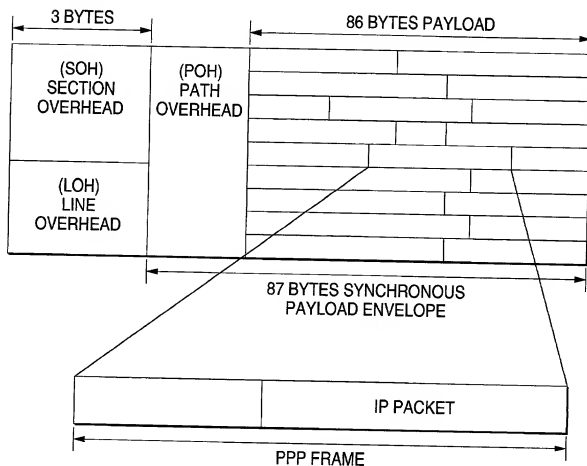1/4

FIG. 1

RELATIONSHIP BETWEEN SONET/SDH FRAME AND PPP FRAME

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CONFIGURATION OF PPP FRAME AND IP PACKET

FIG. 2A

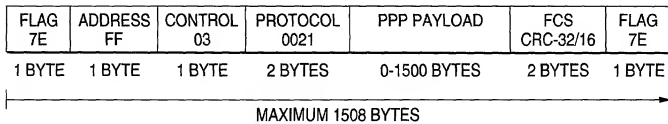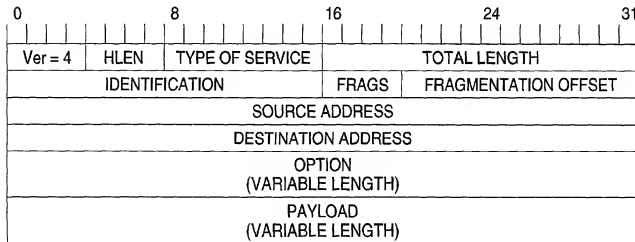PPP FRAME

FLAG 7E	ADDRESS FF	CONTROL 03	PROTOCOL 0021	PPP PAYLOAD	FCS CRC-32/16	FLAG 7E
1 BYTE	1 BYTE	1 BYTE	2 BYTES	0-1500 BYTES	2 BYTES	1 BYTE

MAXIMUM 1508 BYTES

FIG. 2B

IP PACKET

0		8		16		24	31
Ver = 4	HLEN	TYPE OF SERVICE		TOTAL LENGTH			
IDENTIFICATION				FRAGS	FRAGMENTATION OFFSET		
SOURCE ADDRESS							
DESTINATION ADDRESS							
OPTION (VARIABLE LENGTH)							
PAYLOAD (VARIABLE LENGTH)							

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FIG. 3

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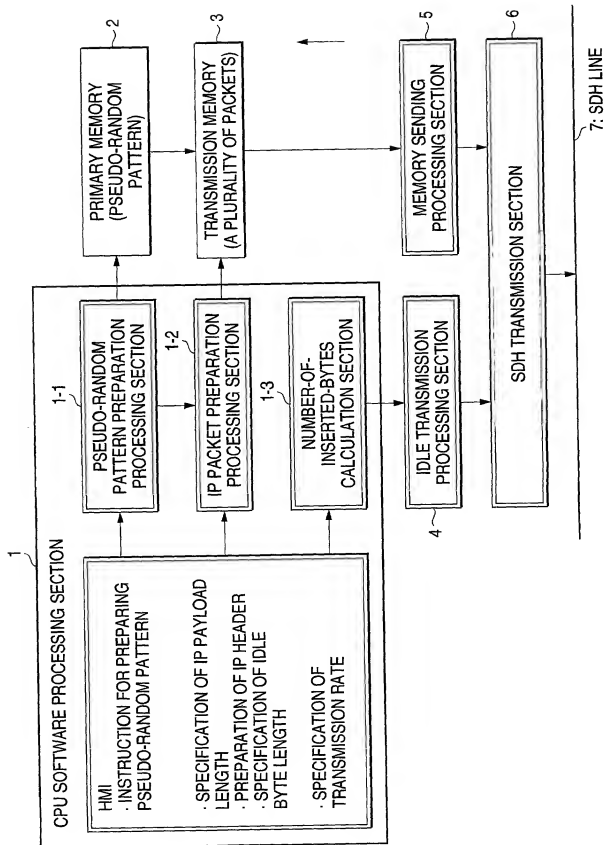
FIG. 4

DATA PATTERN STORED IN TRANSMISSION MEMORY

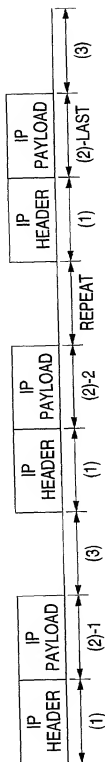| IP HEADER	IP PAYLOAD	IP HEADER	IP PAYLOAD	IP HEADER	IP PAYLOAD
(1)	(2)-1	(1)	(2)-2	(1)	(2)-LAST

(3)　REPEAT　(3)

FIG. 5

SENDING TIMING FROM TRANSMISSION MEMORY

TRANSMISSION MEMORY

TRANSMISSION MEMORY

REPEAT

TRANSMISSION RATIO OF THE WHOLE FRAME
AND PACKET IS INSTRUCTED FROM HMI

IN ORDER TO SATISFY
RATIO SPECIFIED FROM
HMI, ADD IDLE BYTES